À des fins de recherche uniquement

Anticorps Monoclonal anti-IGFBP6

Numéro de catalogue:67567-1-Ig 2 Publications

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Informations de base

Numéro de catalogue:
67567-1-Ig

Taille:
150ul , Concentration: 2023 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG30050

Numéro d'acquisition GenBank:
BC011708

Identification du gène (NCBI):
3489

Nom complet:
insulin-like growth factor binding protein 6

MW calculé
25 kDa

MW observés:
30-33 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
1D12B3

Dilutions recommandées:
WB 1:1000-1:4000

Applications

Applications testées:
WB, ELISA

Demandes citées:
IHC

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, singe

Contrôles positifs:

WB : cellules MG U-87, tissu testiculaire humain

Informations générales

Insulin-like growth factor (IGF) binding protein (IGFBP6), a 240 amino acid protein, contains an IGFBP N-terminal domain and a thyroglobulin type-1 domain. It modulates the activity of IGF and shows independent effects of IGF, such as growth inhibition and apoptosis. It can decrease the proliferation and survival of cancer cells such as lung cancer cells and naso-pharyngeal cancer cells. IGFBP-6 is distinctive for its 50-fold higher binding affinity for IGF-II over IGF-I and this specificity makes it an attractive potential therapeutic candidate for IGF-II-dependent pediatric malignancies such as rhabdomyosarcoma (RMS). In addition, it was found that IGFBP6 can promote the migration of RMS cells in an IGF-independent manner, and MAPK pathways were involved in this process. Further study reported that IGFBP6 is one of most highly expressed proteins in varicose vein tissues and is involved in the proliferation of vascular smooth muscle cells (VSMCs), which may provide insights into the underlying pathogenesis of varicose vein.

Publications notables

Autrice	Pubmed ID	Journal	Application
Zhitao Zong	34396926	Neurol Res	IHC
Hiroki Hagizawa	37255604	Front Cell Dev Biol	IHC

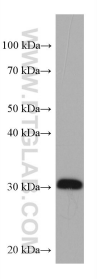
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Données de validation sélectionnées



U-87 MG cells were subjected to SDS PAGE followed by western blot with 67567-1-Ig (IGFBP6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.